

Amendments to the Specification

At page 5, lines 19-25, please replace the two paragraphs with the following:

Figures ~~2A~~ 2a through 2f ~~2F~~ show that edges transmit changed expression levels with high reliability. Many graphs are compatible with the data, but all such graphs are subgraphs of the transitive closure graph G^* .

Figures ~~3A~~ 3a through 3c ~~3C~~ demonstrate that interactions not at the level of expression are concealed in the connectivity graph. Genes B^* (regulated by A), E (not regulated by A), and A are indistinguishable at the expression level.